# IN THE UNITED STATES DISTRICT COURT WESTERN DISTRICT OF TENNESSEE EASTERN DIVISION

CONSOLIDATED INDUSTRIES, LLC d/b/a WEATHER KING PORTABLE BUILDINGS,	) ) )
Plaintiff, v.	) Civil Action No. 1:22-cv-01230-STA-jay
JESSE A. MAUPIN, BARRY D. HARRELL, ADRIAN S. HARROD, LOGAN C. FEAGIN, STEPHANIE L. GILLESPIE, RYAN E. BROWN, DANIEL J. HERSHBERGER, BRIAN L. LASSEN, ALEYNA LASSEN, and AMERICAN BARN CO., LLC,	Chief Judge S. Thomas Anderson  Chief Judge S. Thomas Anderson  Chief Judge S. Thomas Anderson
Defendants.	) ) )

# SUPPLEMENTAL DECLARATION OF BARRY HARRELL IN SUPPORT OF DEFENDANTS' MOTION FOR SUMMARY JUDGMENT AND MOTION TO DISMISS FOR LACK OF SUBJECT MATTER JURISDICTION

- I, Barry Harrell, submit this Declaration in support of Defendants' Summary Judgment Motion. I, Barry Harrell under penalty of perjury, and pursuant to 28 U.S.C. §1746, declare as follows.
- 1. I am acting Secretary of American Barn, LLC ("American Barn") and have been in that position since June 2, 2022.
- I worked at Weather King Portable Buildings ("Weather King") from February
   2010 February 2015 and January 2020 June 1, 2022.
- 3. I have personal knowledge of the lack of reasonable precautions taken by Weather King to protect its alleged trade secrets.

- 4. In June, 2022, I and Jesse Maupin were fired by Weather King and started our own company, American Barn.
- 5. Both companies' primary product is producing barns manufacturing and assembling them.
- 6. Several other Weather King employees, including the other named Defendants, subsequently were fired by Weather King and joined American Barn.
- 7. I have personal knowledge that none of the departing persons misappropriated any Weather King's trade secrets (of which Weather King has alleged none that are valid) or confidential information, or committed any other inappropriate actions.
- 8. The Weather King Tennessee headquarters has no restrictions on access; anyone can come and go as they please.
- 9. At Weather King, the alleged trade secret information is not kept in physically secure locations.
- 10. At Weather King, access to the alleged trade secret information is not restricted to only certain employees.
- 11. At Weather King, the alleged trade secret information is not kept under lock and key.
- 12. At Weather King, Defendants had no confidentiality or non-disclosure obligations.
- 13. At Weather King, there are no security levels on clearance to the alleged trade secrets.
  - 14. At Weather King, the alleged trade secrets are not designated as Confidential.

- 15. At Weather King, no heightened protections are present to protect the alleged trade secrets.
- 16. At Weather King, access to the alleged trade secrets is not allowed only on a need-to-know basis
- 17. At Weather King, access to the alleged trade secrets is not prohibited on personal devices.
- 18. At Weather King, no training is given to personnel regarding data security and confidentiality obligations.
- 19. At Weather King, there are no audit or inspection rights for the alleged trade secrets.
  - 20. At Weather King, there are no facility security measures.
- 21. At Weather King, there are no obligations on employees, dealers, or drivers regarding post-employment obligations to return the alleged trade secrets.
- 22. At Weather King, employees are encouraged and allowed to store information on personal laptops and phones.
- 23. At Weather King, there is not a limited number of individuals having access to the alleged trade secrets.
  - 24. At Weather King, the alleged trade secrets are not segregated.
- 25. At Weather King, the defendants were not informed that the alleged trade secrets were trade secrets.
- 26. At Weather King, there is no written trade secret policy addressing the identification, classification, protection, and valuation of the trade secrets.

- 27. At Weather King, there are no oversight policies and procedures to prevent the inadvertent disclosure of trade secrets by employees in written publications, seminars, speaking engagements, trade shows, technical conferences, and other public forums.
- 28. At Weather King, there are no barriers surrounding secure locations, entrance/exit limitations, alarmed or self-locking doors, security cameras, or restricted access areas.
- 29. At Weather King, there are no employee IDs, visitor IDs, or visitor escort procedures.
- 30. At Weather King, there is no access to the alleged trade secrets on a need-to-know basis only.
- 31. At Weather King, there is no separation of components of trade secrets between or among departments and/or company personnel.
- 32. At Weather King, there are no physical barriers to prevent viewing the alleged trade secrets and proprietary and confidential information.
- 33. At Weather King, there are no written rules and regulations prohibiting employees, without express permission, from remaining in the Weather King headquarters after hours.
- 34. At Weather King, there are no rules and regulations requiring employees to stay at their original work stations.
- 35. At Weather King, there are no rules and regulations prohibiting unauthorized acquisition or possession of company property containing or relating to the alleged trade secrets.
- 36. At Weather King, there are no sign-out/sign-in procedures for access to and return of the alleged trade secrets.

- 37. At Weather King, there are no rules regarding reproduction of only a limited number of sensitive documents and procedures for collecting all copies after use.
- 38. At Weather King, there are no codes or passwords to access copying machines. Computers are password protected but most had the password taped to the back of the monitor.
- 39. At Weather King, there are no policies and procedures for destruction of documents such as locked waste bins and on-site document destruction services.
- 40. At Weather King, there are no references and background checks for all managers, key employees, and persons who had regular access to the alleged trade secrets.
  - 41. At Weather King, there is no Employee Handbook regarding trade secrets.
- 42. At Weather King, there is no Off-Boarding Trade Secret Exit Interview that would:
  - (a) Identify all the trade secrets that the departing employee had access to during his or her employment and catalogue these trade secrets;
  - (b) Remind the employee of his or her continued confidentiality obligations;
  - (c) Collect all company devices and media from the departing employee;
  - (d) Obtain from the employee all access credentials (such as account information, user names, and passcodes); and
  - (e) Require the departing employee to sign a trade secret exit interview certification; and
- 43. At Weather King, the use of smartphone cameras is not prohibited but is encouraged.
- 44. I have personal knowledge that at Weather King the inventory counts were no secret; every dealer knows their inventory on their sales lots and the lots of the other dealers. The dealers are required to compute their inventories each month and send them to the Weather King headquarters. Every person in the Weather King headquarters has and uses the inventory

counts to turn in requisitions to get inventory built for their dealers. Moreover, I was allowed to and was encouraged to take pictures of the lot inventories each month for the past three years and to email them to myself, as I do not have a scanner.

- 45. The dealers contact information is on Weather King's website and is not a secret. An organized list of dealers does not in any case constitute a trade secret, as it is merely an assembly of publicly available information.
- 46. Vendors advertise in "Shed Builder Monthly," which is a free publication, including their pricing. Moreover, anyone can call the vendors and ask for their pricing. Everyone in the business uses this information and is easily ascertainable.
- 47. The Weather King cost estimates are available for every employee to see and use to work with dealers on the possibilities of discounts and sales, and are used by employees for guidelines for selling knowledge with the dealers and for that reason are and not maintained secret or confidential.
- 48. Weather King's profit and loss statements and balance sheets are not kept trade secrets. For example, Mr. Maupin found them in a folder in an unoccupied cubicle, showing that Weather King does not treat them as trade secrets.
- 49. Sales lot lease information and lease amounts aren't a secret at Weather King as every lot that Weather King leases is reclaimed out of the dealer's commission each month, and this was shown on the dealers settle sheet each month, and was not kept secret.
- 50. I have personal knowledge that Weather King's engineering drawings are not trade secrets. They are publicly available on the state of various websites such as <a href="https://www.floridabuilding.org/mb/mb\_default.aspx">www.floridabuilding.org/mb/mb\_default.aspx</a>. and

https://floridabuilding.org/Upload/Plans/PlanID 40373 Weather%20King%20Sheds%20plan%2

<u>01RPER210076-47b3856e.pdf</u>, copies of which are attached as Exhibit A to this declaration, and are in the hands of thousands of individuals, including dealers and customers. The drawings are freely distributed.

- 51. Weather King's office is not locked during the day and anyone may freely enter and exit. Most employees have keys and access codes to enter freely at night.
- 52. As to personal computers, personnel sign in the morning and after that anyone can access these computers.
  - 53. The door to the server room at Weather King is kept open due to heat issues.
- 54. I have personal knowledge of what dealers know due to ongoing personal conversations with multiple dealers.
  - 55. Driver contact information is available to anyone who asks.
- 56. The profit and loss statements were in a manila folder in an unoccupied cubicle for a week before it was picked up.
  - 57. We did not replicate any Weather King System.
- 58. Dealers have access to all drawings for the sale of buildings, not just a limited number of drawings.
- 59. Most personnel at Weather King have their password taped to the backs of their computers or under their keyboards.

I understand that the following statements in this Declaration are made subject to the penalties of 28 U.S.C. §1746.

Date: August 8, 2023.

Barry Harrell

## **EXHIBIT A**

Florida Manufactured Bld.

## Working as agent for DBPR These Prints comply with the

#### **GENERAL NOTES:**

- 1. STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE (FBC).
- 2. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ABOVE CODES AT THE TIME OF MANUFACTURE.
- 3. DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
- 4. STRUCTURES ARE CLASSIFIED AS "MINOR STORAGE FACILITIES" (RISK CATEGORY I) PER TABLE 1604.5 AND SHOULD NOT BE USED FOR HUMAN HABITATION.
- 5. STRUCTURES ARE DESIGNED FOR LOCATIONS THAT HAVE A 3 SECOND WIND GUST OF 160 MPH FOR RISK CATEGORY I STRUCTURES PER FIGURE 1609.3(4) OF THE 2020 FBC.
- 6. SIDING FASTENERS SHALL NOT BE INSTALLED IN PANEL SIDING GROOVES IN THE FIELD OF THE PANEL OR WHEN THE SIDING GROOVES OCCUR AT CUT EDGES OF THE SIDING PANEL.
- 7. STRUCTURES ARE DESIGNED FOR LOCATIONS THAT ARE NOT IN FLOOD HAZARD AREAS.
- 8. IN ACCORDANCE WITH FBC 1609.1.2, STORAGE SHEDS NOT DESIGNED FOR HUMAN HABITATION WITH A FLOOR AREA OF 720 SQUARE FEET OR LESS ARE NOT REQUIRED TO COMPLY WITH THE MANDATORY WINDBORNE DEBRIS IMPACT STANDARDS OF THE 2020 FBC.
- 9. IN ACCORDANCE WITH FBC 1010.1.1, BUILDINGS THAT ARE 400 SQUARE FEET OR LESS THAT ARE INTENDED FOR USE IN CONJUNCTION WITH ONE- AND TWO- FAMILY RESIDENCES ARE NOT SUBJECT TO THE DOOR HEIGHT AND WIDTH REQUIREMENTS OF THE 2020 FBC.
- 10. ALL ROOF DECKING IS TO BE 1/16" OSB, 15/32" PLYWOOD, 1/2" PLYWOOD, OR EQUIVALENT. FASTEN ROOF SHEATHING TO ROOF FRAMING WITH 23/4" RING SHANK NAILS SPACED AT 6" MAX, UNLESS NOTED OTHERWISE ON SHEET S-1.6.

11. ALL SIDING IS TO BE TREATED T1-11, LP SMARTSIDE PANEL, OR 29 GA. METAL SIDING.

- 12. ALL FLOOR JOISTS ARE TO BE PRESSURE TREATED SYP #2. OR BETTER.
- 13. ALL UN-TREATED WOOD FRAMING IS TO BE TO BE SPF #2 OR BETTER, UNLESS NOTED OTHERWISE.
- 14. WOOD FRAMING SHALL COMPLY WITH THE ANSI/AWC "NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION", 2018.
- 15. ALL FLOOR DECKING IS TO BE %" TREATED PLYWOOD OR 5/8" PERFORMAX 500 FLOOR SHEATHING. FLOORING CLOSER THAN 18 INCHES TO EXPOSED GROUND SHALL BE OF NATURALLY DURABLE OR PRESERVATIVE- TREATED WOOD IN ACCORDANCE WITH 2304.12.1.1.
- 16. ALL SKIDS ARE TO BE 4x6 PRESSURE TREATED, RATED FOR GROUND CONTACT.
- 17. REFER TO THE SUPPLIED FASTENING SCHEDULE FOR FASTENING BASED ON CONNECTION AND LOCATION OF MEMBERS AS PER THE 2020 FLORIDA BUILDING CODE TABLE 2304.10.1, UNLESS NOTED OTHERWISE.
- 18. ALL EXTERIOR NAILS ARE TO BE ZINC COATED.
- 19. STRUCTURES SHOULD HAVE 30 YEAR RATED ASPHALT SHINGLES CONFORMING TO ASTM D3161 (CLASS F) OR ASTM D7158 (CLASS H) OR 29 GA METAL ROOF PANELS.
- 20. SECTIONS AND DETAILS SHOWN ARE INTENDED TO BE TYPICAL AND SHALL APPLY AT ALL SIMILAR LOCATIONS, UNLESS NOTED OTHERWISE.
- 21. ALL BUILDINGS ARE TO BE ADEQUATELY ANCHORED TO TO RESIST WIND LOADS. ANCHORING OF THE BUILDING IS SUBJECT TO LOCAL JURISDICTION APPROVAL.
- 22. BUILDINGS HAVE NOT BEEN DESIGNED FOR HVHZ REQUIREMENTS AS SET FORTH IN THE 2020 FBC.

DESIGN CRITERIA: 1. RISK CATEGORY I

2. LIVE LOADS: FLOOR: 40 PSF LOFT: 10 PSF

3. DEAD LOADS: FLOOR: 4 PSF ROOF: 5 PSF WALLS: 3 PSF

ROOF: 20 PSF

Act and adopted Codes and

Adhere to the following Criteriums BY OTHERS:
THE FOLLOWING ITEMS MAY BE SUPPLIED AND Construction Type. INSTALLED BY OTHERS. THESE ITEMS MAY BE SUBJECT TO LOCAL JURISDICTION APPROVAL. WEATHER KING PORTABLE BUILDINGS IS NOT

What Water 16 Volf RESPONSIBLE FOR THESE ITEMS. THE FOUNDATION AND TIE-DOWN SYSTEM

PHORPER 21007L After, Floor Load 40 2. RAMPS, STAIRS, AND GENERAL ACCESS

3. ELECTRICAL SERVICE HOOKUP Many Weather King

4. WIND LOADS ARE BASE proposes of this present does not Approved by Phillip E Robbins

Vull = 160 MPH (2020 selector proposes any Deviation Florida PE-49070 Vult = 160 MPH (2020 Methoriza UNITA PERSONALITY Deviation From the requirements of applicable Phillip & Rolling Vasd = 124 MPH

State Laws RISK CATEGORY I EXPOSURE CATEGORY C

INTERNAL PRESSURE COEFFICIENT:  $GCpi = \pm 0.18$ 

#### COMPONENTS & CLADDING:

EFFECTIVE WIND AREA, Ae = 10 FT2 ROOF-ZONE 1 = 19.3, -30.6 PSF

ROOF-ZONE 2 = 19.3, -53.3 PSF ROOF-ZONE 3 = 19.3, -78.9 PSF WALL-ZONE 4 = 33.5, -36.3 PSF WALL-ZONE 5 = 33.5, -44.8 PSF

EFFECTIVE WIND AREA, Ae = 20 FT2

ROOF-ZONE 1 = 17.6, -29.8 PSF

ROOF-ZONE 2 = 17.6, -49.0 PSF ROOF-ZONE 3 = 17.6, -73.7 PSF

WALL-ZONE 4 = 32.0, -34.8 PSF WALL-ZONE 5 = 32.0, -41.8 PSF

NOTE: C&C WIND PRESSURES SHOWN MAY BE REDUCED FOR LARGER AREAS AS ALLOWED BY CODE.

5. CONSTRUCTION TYPE: V-B

6. OCCUPANCY GROUP U

"APPROVED" DOCUMENT

Plan No. 18PER210076 Date: 03/27/2023

WEATHER KING P.O. BOX 108 **PARIS. TN 38242** 

\* STATE OF ORIDE SONAL ENGL TONAL MINIMUM

# TED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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Digitally signed by Kevin Nolan

REVISION: PORTABLE BUILDINGS

PROJECT NO: DATE: 09-28-2021 DRAWN BY: KLN CHECKED BY: KLN

03-22-2023

SCALE: NONE

SHEET NUMBER

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## **FASTENING SCHEDULE**

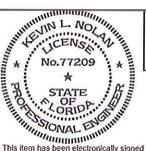


Approved by Phillip E Robbins
Florida PE-49070

Phillip E Robbin
Plan No-1RPER210076 Date: 03/27/2023

DESCRIPTION OF BUILDING ELEMENT	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
	ROOF FRAMING	•
BLOCKING BETWEEN CEILING JOISTS OR RAFTERS TO TOP PLATE OR OTHER FRAMING.	3 - 8d COMMON (2½* x 0.131*) 3 - 10d BOX (3* x 0.128*) 3 - 3* x 0.131* NAUS 3 - 3* 14 GAGE STAPLES, ½* CROWN	EACH END, TOENAIL
BLOCKING BETWEEN RAFTERS NOT AT THE WALL TOP PLATE, TO RAFTER.	2 - 8d COMMON (2½' x 0.131') 2 - 3' x 0.131' NAILS 2 - 3' 14 GAGE STAPLES	EACH END, TOENAIL
	2 - 16d COMMON (3½" x 0.162") 3 - 3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES	END NAIL
COLLAR TIE TO RAFTER	REFERENCE SHEETS S-2.4 AND S-2.5	
RAFTER OR ROOF TRUSS TO TOP PLATE	3 - 10d COMMON (3" x 0.148") 3 - 16d BOX (3½" x 0.135") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" IVAILS 4 - 3" 14 GAGE STAPLES, ½ <sub>6</sub> " CROWN	TOENAIL
CEILING JOISTS TO TOP PLATE	3 - 8d COMMON (2½" x 0.131") 3 - 10d BOX (3" x 0.128") 3 - 3" x 0.131" NAUS 3 - 3" 14 GAGE STAPLES, ½, "CROWN	EACH JOIST, TOENAIL
	WALL FRAMING	
	16d COMMON (3½" x 0.162")	24" O.C. FACE NAIL
STUD TO STUD (NOT AT BRACED WALL PANELS)	10d BOX (3* x 0.128*) 3* x 0.131* NAILS 3 - 3* 14 GAGE STAPLES	16° O.C. FACE NAIL
	16d COMMON (3½" x 0.162")	16" O.C. FACE NAIL
STUD TO STUD AND ABUTTING STUDS AT INTERSECTING	16d BOX (3½° x 0.135°)	12" O.C. FACE NAIL
WALL CORNERS (AT BRACED WALL PANELS)	3" x 0.131" NAILS 3 - 3" 14 GAGE STAPLES, 1/16" CROWN	12" O.C. FACE NAIL
CONTINUOUS HEADER TO STUD	4 - 8d COMMON (2½" x 0.131") 4 - 10d BOX (3" x 0.128")	TOENAIL
	16d COMMON (3½° x 0.162°)	16" O.C. FACE NAIL
TOP PLATE TO TOP PLATE	10d BOX (3" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 1/16" CROWN	12° O.C. FACE NAIL

DESCRIPTION OF BUILDING ELEMENT	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION
	WALL FRAMING (CONT.)	
TOP PLATE TO TOP PLATE, AT END JOINTS	8 - 16d COMMON (3½" x 0.162") 12 - 10d BOX (3" x 0.128") 12 - 3" x 0.131" NAUS 12 - 3" 14 GAGE STAPLES, ½" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)
	16d COMMON (3½° x 0.162°)	16" O.C. FACE NAIL
IOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR LOCKING (NOT AT BRACED WALL PANELS)	16d BOX (3½" x 0.135") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, ½" CROWN	12" O.C. FACE NAIL
NOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (AT BRACED WALL PANELS)	2 - 16d COMMON (3½° x 0.162°) 3 - 16d BOX (3½° x 0.135°) 4 - 3° x 0.131° NAUS 4 - 3° 14 GAGE STAPLES, ½° CROWN	16° O.C. FACE NAIL
STUD TO TOP OR BOTTOM PLATE	4 - 8d COMMON (2½° x 0.131°) 4 - 10d BOX (3° x 0.128°) 4 - 3° x 0.131° NAUS 4 - 3° 14 GAGE STAPLES, ½° CROWN	TOENAIL
	2 - 16d COMMON (3½° x 0.162°) 3 - 10d BOX (3° x 0.128°) 3 - 3° x 0.133° NAUS 3 - 3° 14 GAGE STAPLES, ½° CROWN	END NAIL
OP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2 - 16d COMMON (3½° x 0.162°) 3 - 10d BOX (3° x 0.128°) 3 - 3° x 0.131° NAUS 3 - 3° 14 GAGE STAPLES, ½° CROWN	FACE NAIL
	FLOOR FRAMING	
JOIST TO SKID	3 - 8d COMMON (2½° x 0.131°) 3 - 10d BOX (3° x 0.128°) 3 - 3° x 0.131° NAILS 3 - 3° 14 GAGE STAPLES, ½° CROWN	TOENAIL
BUILT-UP BEAMS	10d BOX (3* x 0.128*) 3* x 0.131* NAILS 3* 14 GAGE STAPLES, V <sub>5</sub> * CROWN	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
	AND: 3 - 103 BOX (3" x 0.128") 3 - 3" x 0.131" NAUS 3 - 3" 14 GAGE STAPLES, ½;" CROWN	ENDS AND AT EACH SPLICE, FACE NAIL
JOIST TO BAND JOIST OR RIM JOIST	3 - 16d COMMON (3½" x 0.162") 4 - 10d BOX (3" x 0.128") 4 - 3" x 0.131" NAILS 4 - 3" 14 GAGE STAPLES, ½ <sub>5</sub> " CROWN	END NAIL



# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

Digitally signed by Kevin Nolan

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PROJECT NO:		
DATE:	09-28-2021	
DRAWN BY:	KLN	
CHECKED BY:	KLN	
REVISION:		

S-0.1-LB

SCALE: NONE

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## **FASTENING SCHEDULE (CONT.)**

DESCRIPTION OF BUILDING ELEMENT	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
SUBFL	OOR, ROOF AND INTERIOR WALL SHE	ATHING <sup>a</sup>	
		EDGES (INCHES)	INTERMEDIATE SUPPORTS (INCHES)
	6d COMMON OR DEFORMED (2" x 0.113") (SUBFLOOR AND WALL)	6	12
	8d COMMON OR DEFORMED (2½° x 0.131°) (ROOF)	6	12
V- TO V-	2%" x 0.113" NAIL (SUBFLOOR AND WALL)	6	12
<del>%,</del> 10 <i>\</i> <del>2,</del>	1¾° 16 GAGE STAPLE, ⅓° CROWN (SUBFLOOR AND WALL)	4	. 8
	2%" x 0.113" RING SHANK NAIL (ROOF)	6	12
	1½" 16 GAGE STAPLE, ½5" CROWN (ROOF)	3	6
¹½₂• то ½•	8d COMMON (2½" x 0,131") 6d DEFORMED (2" x 0,113") (SUBFLOOR AND WALL)	6	12
	2%" x 0.113" RING SHANK NAIL	6	12
	EXTERIOR WALL SIDING		
%' LP SMARTSIDE PRECISION PANEL OR %' TREATED T1-11 SIDING	2%" x 0.113" RING SHANK NAIL	6 (SIDE WALL)	6
	2%" x 0.113" RING SHANK NAIL	3 (END WALL)	6

a. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. NAILS FOR WALL SHEATHING ARE PERMITTED TO BE COMMON, BOX, OR CASING.

Approved by Phillip E Robbins
Florida PE-49070
Plullip E Robbin
Plan No<sub>1RPER210076</sub>Date: 03/27/2023

NDI
"APPROVED"
DOCUMENT

# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

No.77209 \*

STATE OF ORIDA ORIZA ORIANIA ORIANIA

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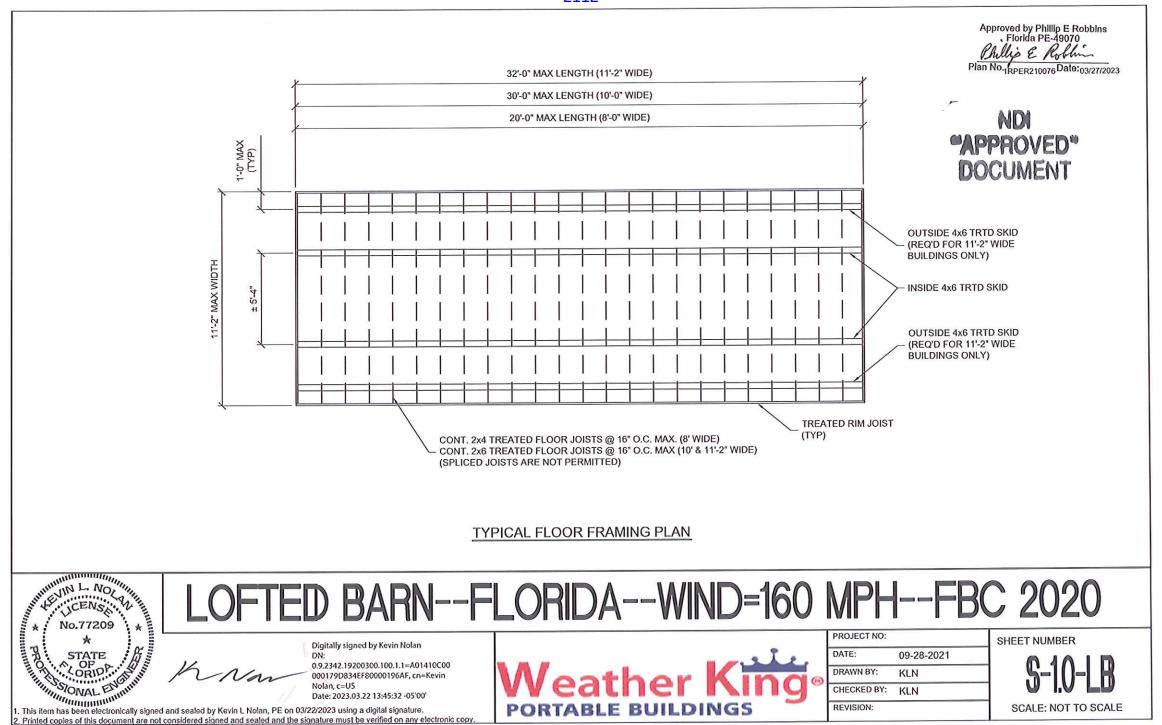
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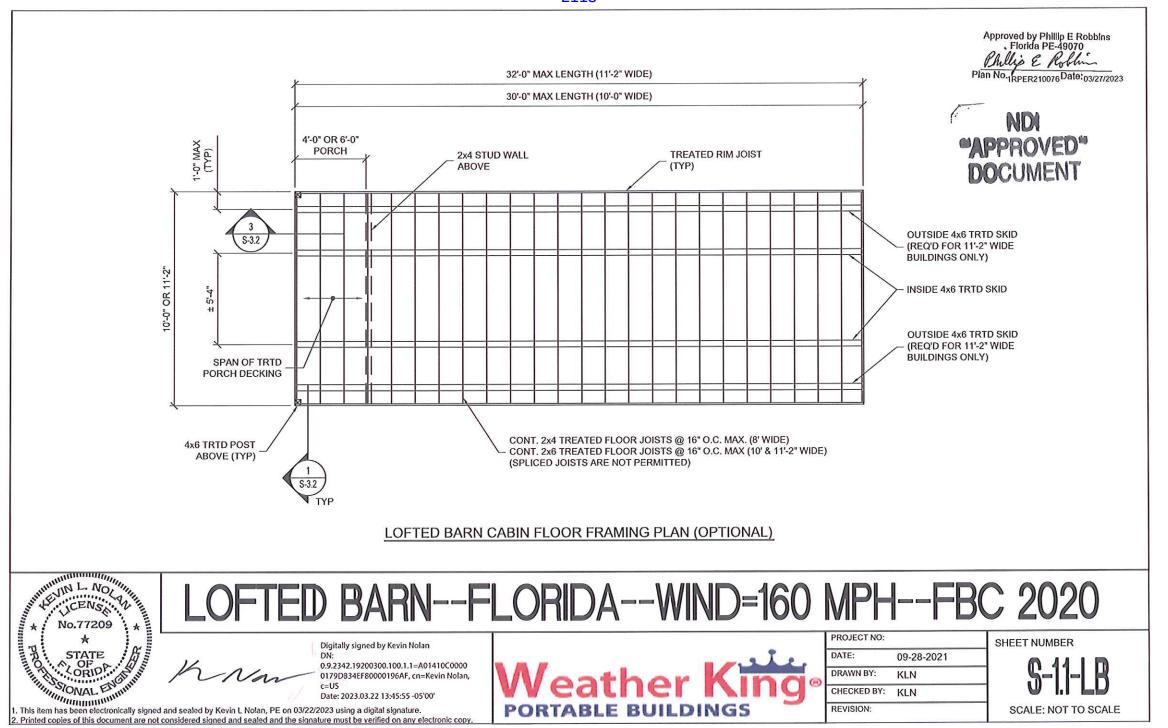


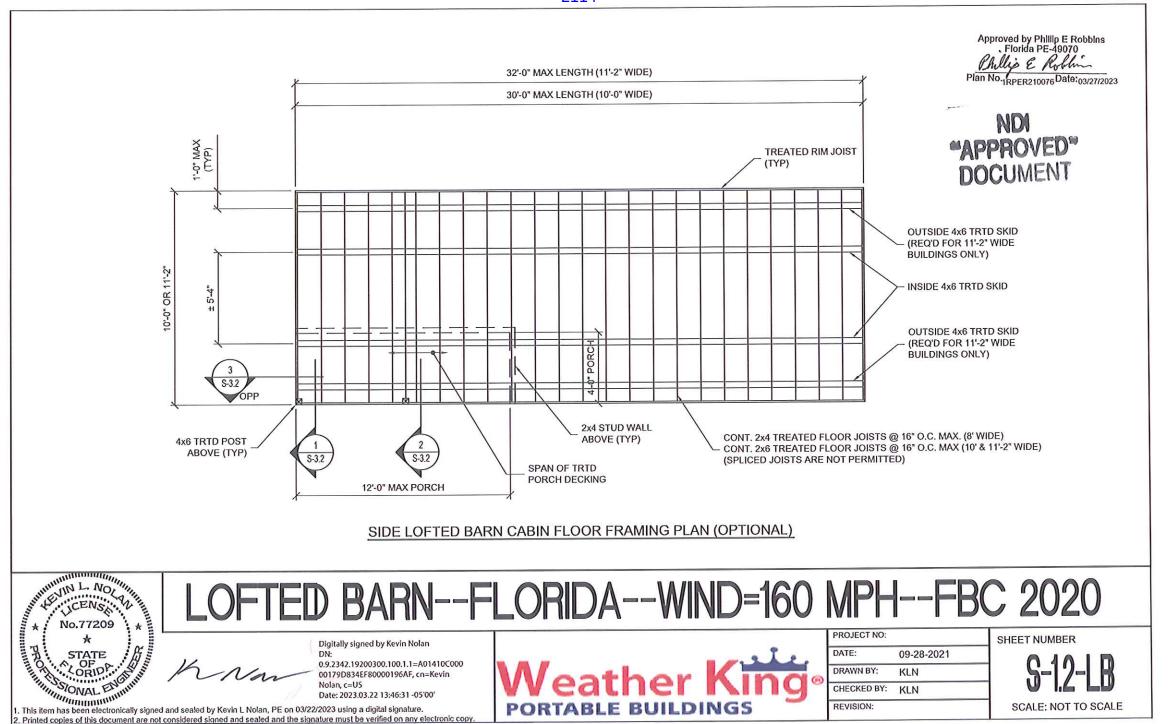
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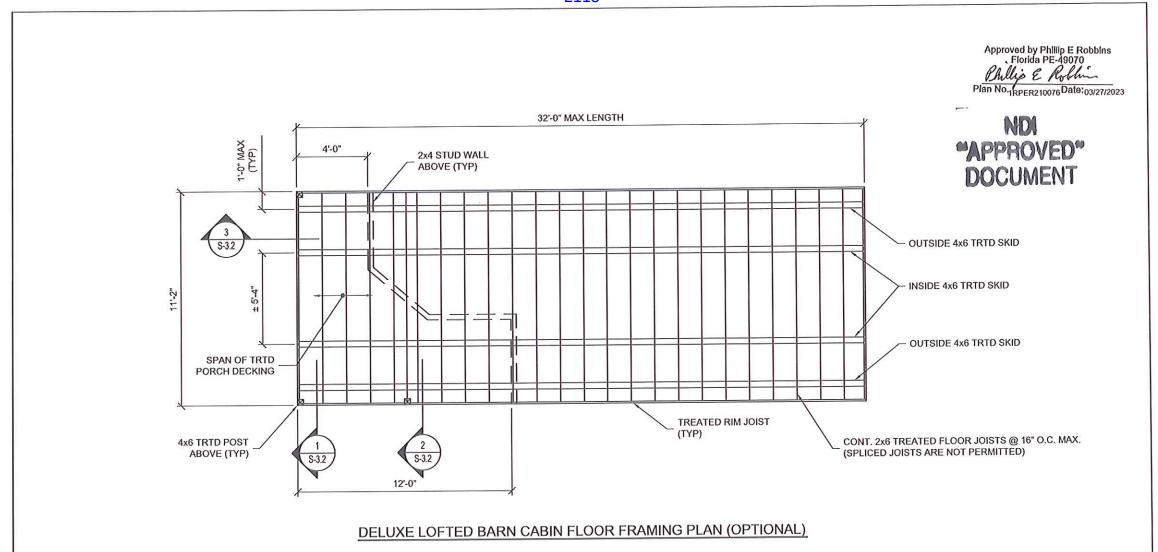
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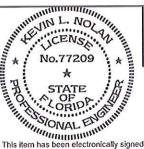
b. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.











# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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PROJECT NO:

DATE: 09-28-2021

DRAWN BY: KL N

DRAWN BY: KLN

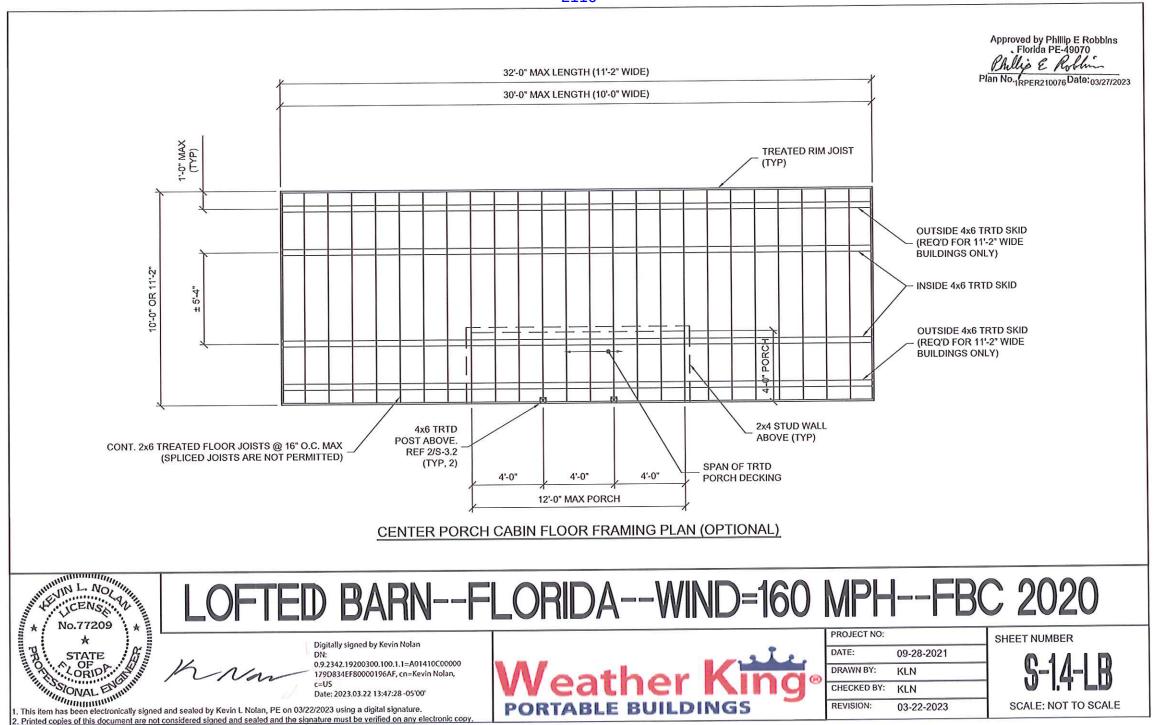
CHECKED BY: KLN

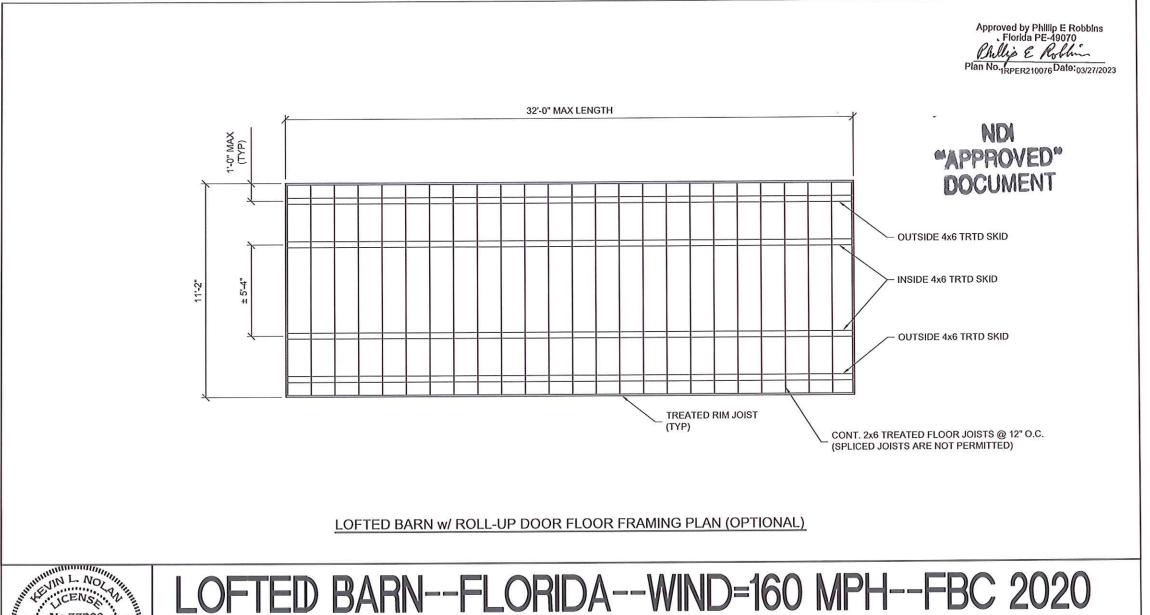
REVISION:

SHEET NUMBER

**S-1.3-LB** 

SCALE: NOT TO SCALE







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Date: 2023.03.22 13:48:25 -05'00'

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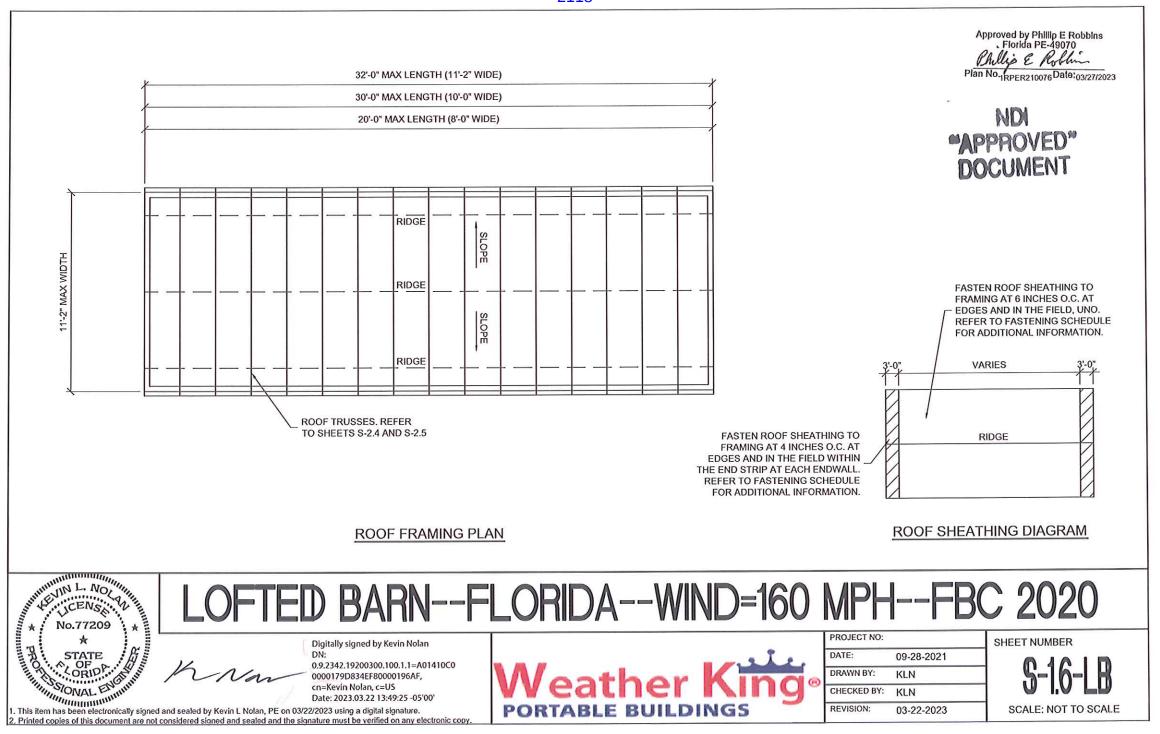
1	PROJECT NO:		
Ì	DATE:	09-28-2021	
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	CHECKED BY:	KLN	

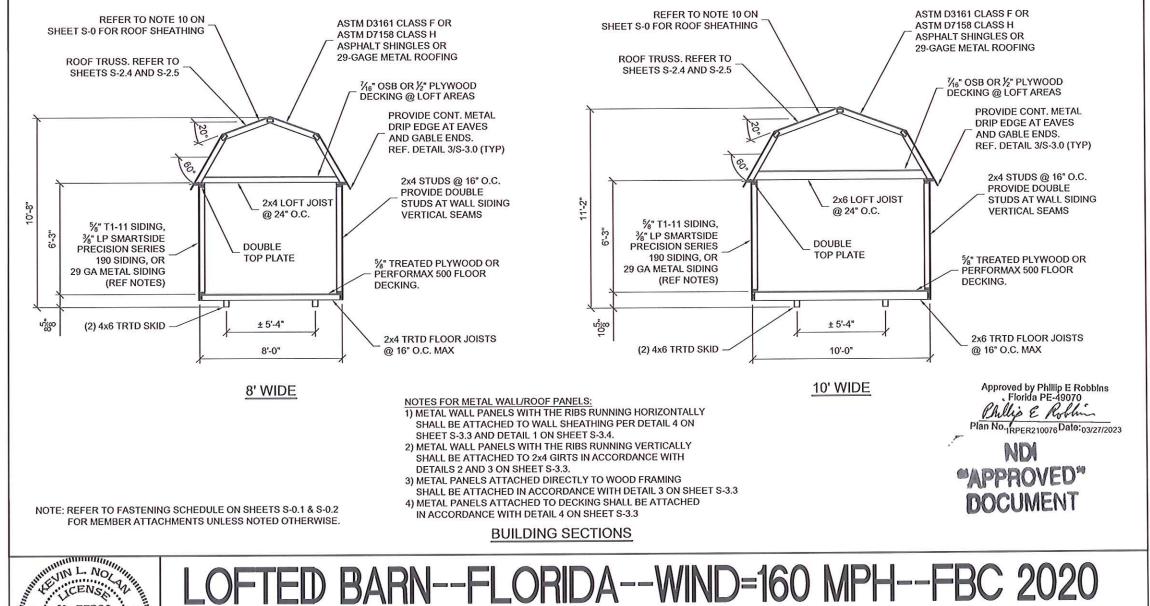
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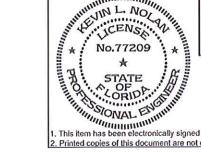
S-15-LB SCALE: NOT TO SCALE

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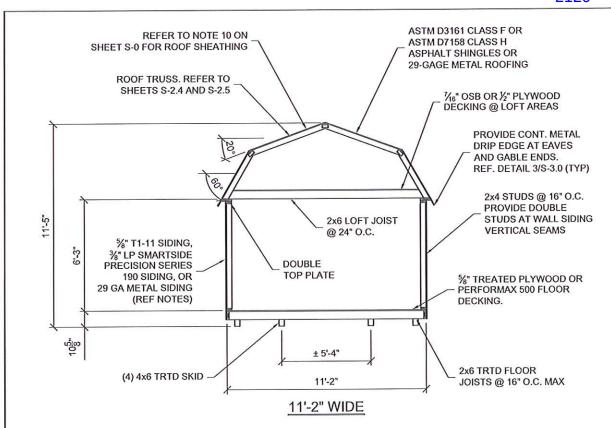
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NOTES FOR METAL WALL/ROOF PANELS:

- 1) METAL WALL PANELS WITH THE RIBS RUNNING HORIZONTALLY SHALL BE ATTACHED TO WALL SHEATHING PER DETAIL 4 ON SHFFT S-3.3 AND DETAIL 1 ON SHEET S-3.4.
- 2) METAL WALL PANELS WITH THE RIBS RUNNING VERTICALLY SHALL BE ATTACHED TO 2x4 GIRTS IN ACCORDANCE WITH DETAILS 2 AND 3 ON SHEET S-3.3.
- 3) METAL PANELS ATTACHED DIRECTLY TO WOOD FRAMING SHALL BE ATTACHED IN ACCORDANCE WITH DETAIL 3 ON SHEET S-3.3
- 4) METAL PANELS ATTACHED TO DECKING SHALL BE ATTACHED IN ACCORDANCE WITH DETAIL 4 ON SHEET S-3.3

Approved by Phillip E Robbins Florida PE-49070

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NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 & S-0.2 FOR MEMBER ATTACHMENTS UNLESS NOTED OTHERWISE.

## **BUILDING SECTION**



## D BARN--FLORIDA--WIND=160 MPH--FBC 2020 Digitally signed by Kevin Nolan

0.9.2342.19200300.100.1.1=A01410C0 0000179D834EF80000196AF, cn=Kevin Nolan, c=US

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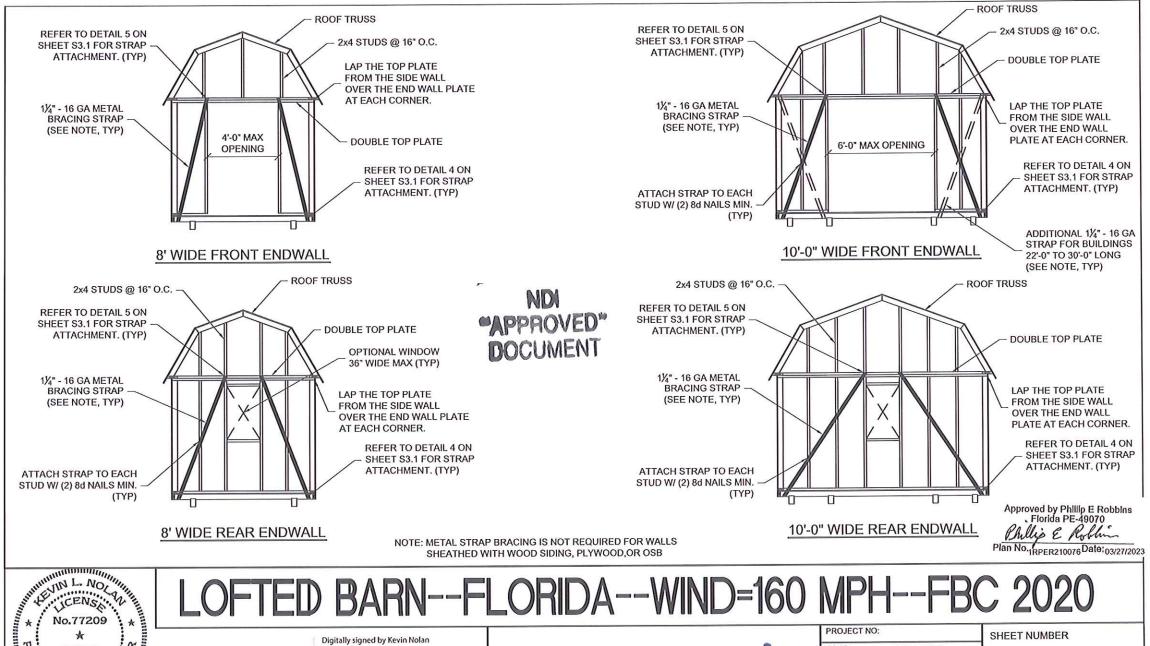
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REVISION:

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SCALE: 1/4" = 1'-0"





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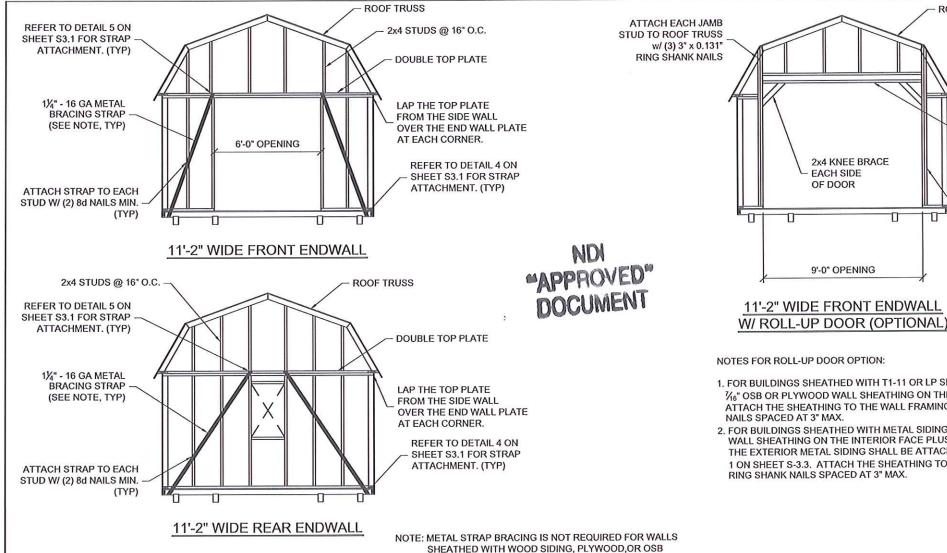
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**ROOF TRUSS** LAP THE TOP PLATE FROM THE SIDE WALL OVER THE END WALL PLATE AT EACH CORNER. 2x4 FLAT w/ 2x4 ON EDGE OVER THE DOOR. REF DETAIL 6/S-3.0 2x4 KNEE BRACE **EACH SIDE** OF DOOR (2) 2x4 FULL HEIGHT STUDS EACH SIDE OF DOOR. NOTCH THE STUDS AT THE ROOF TRUSS. Approved by Phillip E Robbins Florida PE-49070 9'-0" OPENING Plan No. 18PER210076 Date: 03/27/2023

#### NOTES FOR ROLL-UP DOOR OPTION:

- 1. FOR BUILDINGS SHEATHED WITH T1-11 OR LP SIDING, PROVIDE FULL HEIGHT 1/6" OSB OR PLYWOOD WALL SHEATHING ON THE INTERIOR FACE OF THE WALL. ATTACH THE SHEATHING TO THE WALL FRAMING WITH 2%" x 0.113" RING SHANK NAILS SPACED AT 3" MAX.
- 2. FOR BUILDINGS SHEATHED WITH METAL SIDING, PROVIDE 1/16" OSB OR PLYWOOD WALL SHEATHING ON THE INTERIOR FACE PLUS THE EXTERIOR FACE OF THE WALL. THE EXTERIOR METAL SIDING SHALL BE ATTACHED TO SHEATHING PER DETAIL 1 ON SHEET S-3.3. ATTACH THE SHEATHING TO THE WALL FRAMING WITH 21/8" x 0.113" RING SHANK NAILS SPACED AT 3" MAX.

# D BARN--FLORIDA--WIND=160 MPH--FBC 2020

CENS No.77209 STATE CORIDA IIIII STONAL EARTH

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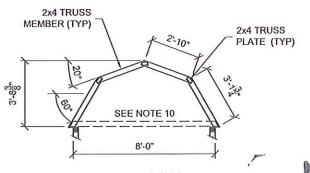
SCALE: NOT TO SCALE

### **GENERAL NOTES:**

- 1. REFER TO SHEET S-0 FOR DESIGN LOADS.
- 2. MAXIMUM TRUSS SPACING = 24" O.C. UNLESS NOTED OTHERWISE.
- 3. TRUSS TOP CHORD SHALL BE BRACED W/ STRUCTURAL WOOD SHEATHING ATTACHED DIRECTLY TO TRUSS MEMBERS.
- 4. ALL TRUSS MEMBERS ARE TO BE SPF #2 OR BETTER.
- 5. TRUSS PLATES ARE TO BE A MINIMUM OF 20 GAGE (MT20) HYDRAULICALLY PRESSED IN PLACE EACH SIDE OF TRUSS.
- 6. REACTIONS DUE TO WIND ARE BASED ON MWFRS END ZONE PRESSURES. INDIVIDUAL MEMBERS DESIGNED FOR COMPONENTS AND CLADDING WIND PRESSURE.
- 7. DEFLECTION MEETS L/240 LIVE LOAD AND L/180 TOTAL LOAD.
- 8. LOAD DURATION ADJUSTMENT FACTORS:

ROOF LIVE: 1.25 WIND: 1.60

- 9. REPETITIVE MEMBER INCREASE: 1.15
- 10. HORIZONTAL THRUST IS TO BE RESISTED BY LOFT JOISTS. REFER TO SHEETS S-2.0, S-2.1, AND S-3.0 FOR LOFT JOIST SIZE, AND ATTACHMENT INFORMATION.



MAX REACTIONS HORIZ: 108 LBS. NET UPLIFT: -175 LBS.

GRAVITY: 269 LBS. 8' WIDE LOFTED BARN TRUSS

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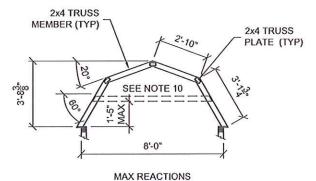
2x4 TRUSS MEMBER (TYP) 3'-10%" 2x4 TRUSS PLATE (TYP) 4.-07 SEE NOTE 10 10'-0"

> MAX REACTIONS HORIZ: 121 LBS.

Approved by Phillip E Robbins Florida PE-49070 Plan No. 1RPER210076 Date: 03/27/2023

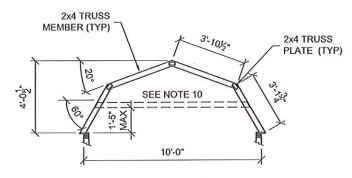
NET UPLIFT: -227 LBS. GRAVITY: 333 LBS.

## 10' WIDE LOFTED BARN TRUSS



HORIZ: 108 LBS. NET UPLIFT: -179 LBS. GRAVITY: 250 LBS.

8' WIDE LOFTED BARN TRUSS (OPTIONAL)



MAX REACTIONS HORIZ: 121 LBS. NET UPLIFT: -231 LBS.

GRAVITY: 314 LBS.

10' WIDE LOFTED BARN TRUSS (OPTIONAL)

# No.77209

## TED BARN--FLORIDA--WIND=160 MPH--FBC 2020

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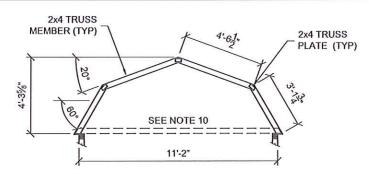


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REVISION:		

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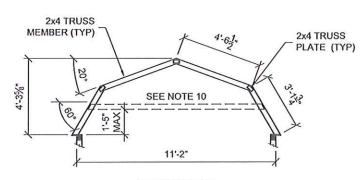
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MAX REACTIONS
HORIZ: 125 LBS.

NET UPLIFT: -258 LBS. GRAVITY: 370 LBS.

## 11'-2" WIDE LOFTED BARN TRUSS



MAX REACTIONS
HORIZ: 125 LBS.
NET UPLIFT: -262 LBS.
GRAVITY: 351 LBS.

11'-2" WIDE LOFTED BARN TRUSS (OPTIONAL)

# LOFTED BARN--FLORIDA--WIND=160 MPH--FBC 2020

\* No.77209 \*

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This has been electronically signed

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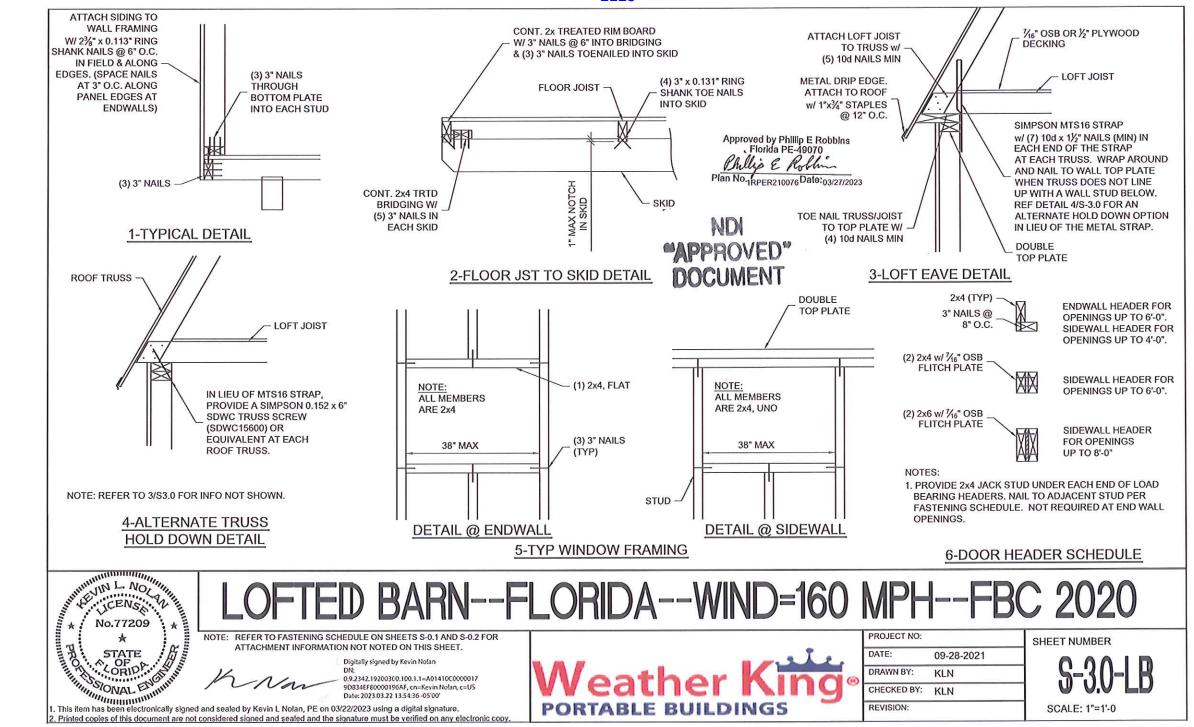
S-25-LB

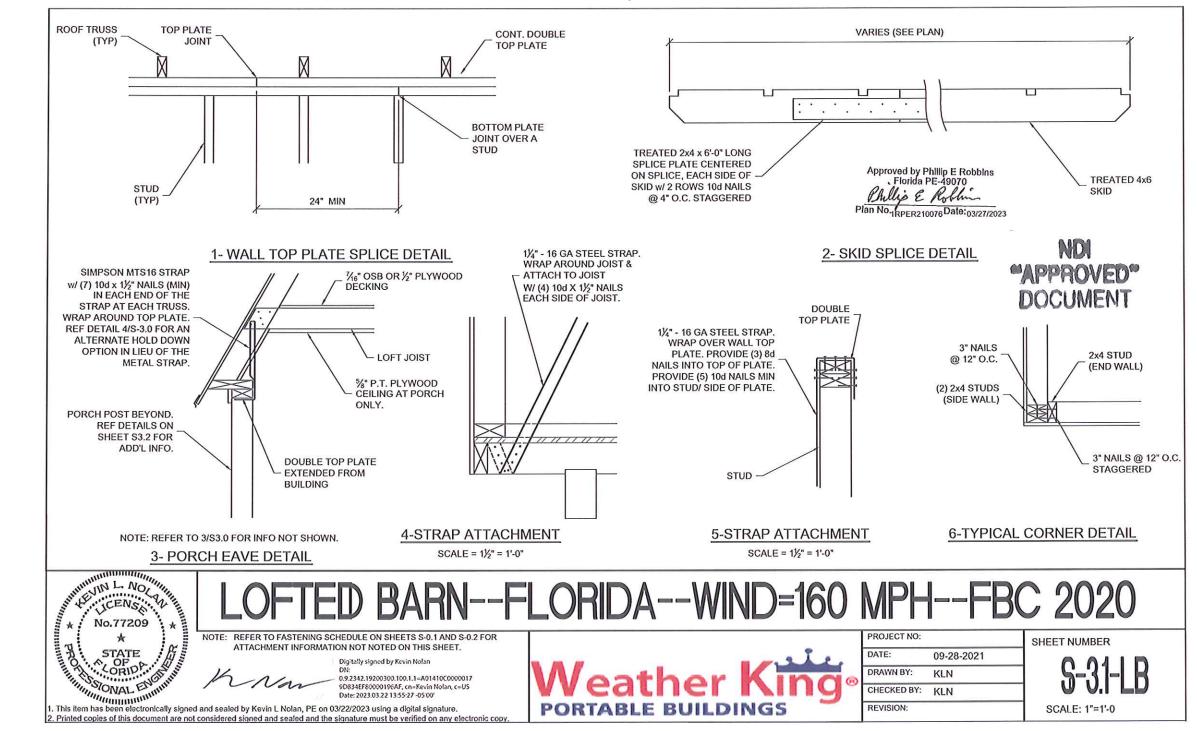
Approved by Phillip E Robbins
Florida PE-49070

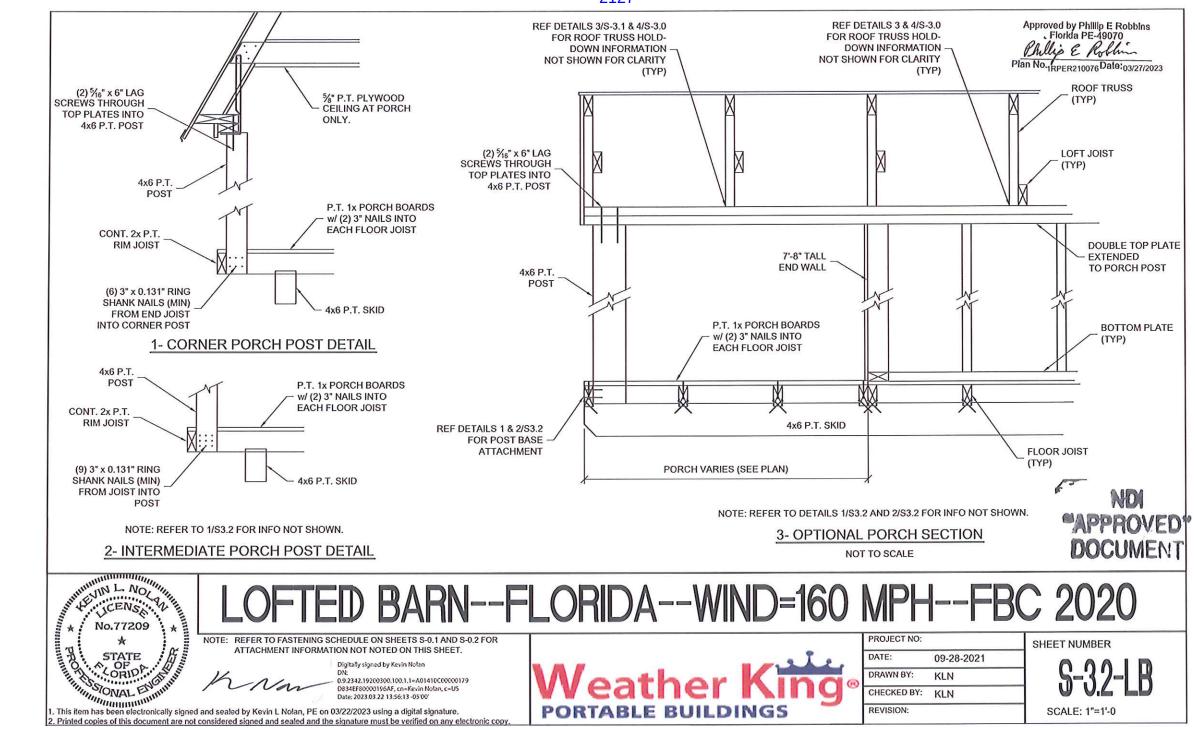
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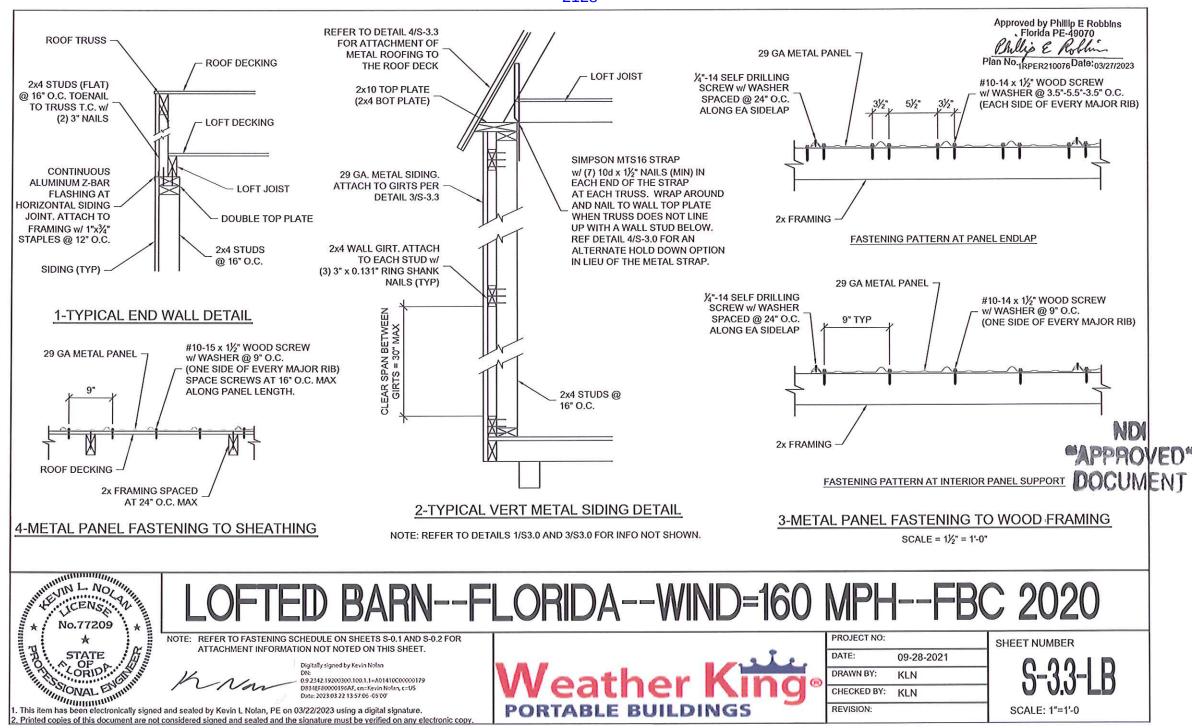
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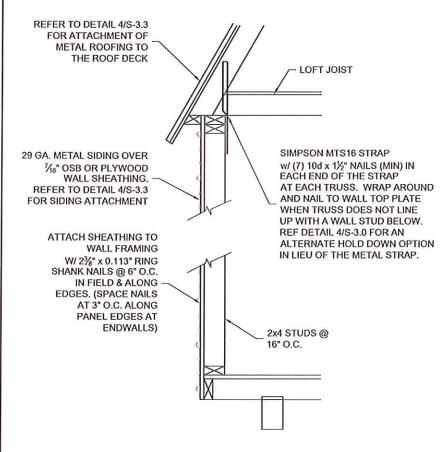
SCALE: 1/4" = 1'-0"











1-TYPICAL HORIZ METAL SIDING DETAIL

NOTE: REFER TO DETAILS 1/S3.0 AND 3/S3.0 FOR INFO NOT SHOWN.

Approved by Phillip E Robbins
Florida PE-49070 Phillip & Roblin Plan No. 18PER210076 Date: 03/27/2023

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# BARN--FLORIDA--WIND=160 MPH--FBC 2020

NOTE: REFER TO FASTENING SCHEDULE ON SHEETS S-0.1 AND S-0.2 FOR ATTACHMENT INFORMATION NOT NOTED ON THIS SHEET.

STATE OF OF

STONAL ENGINE

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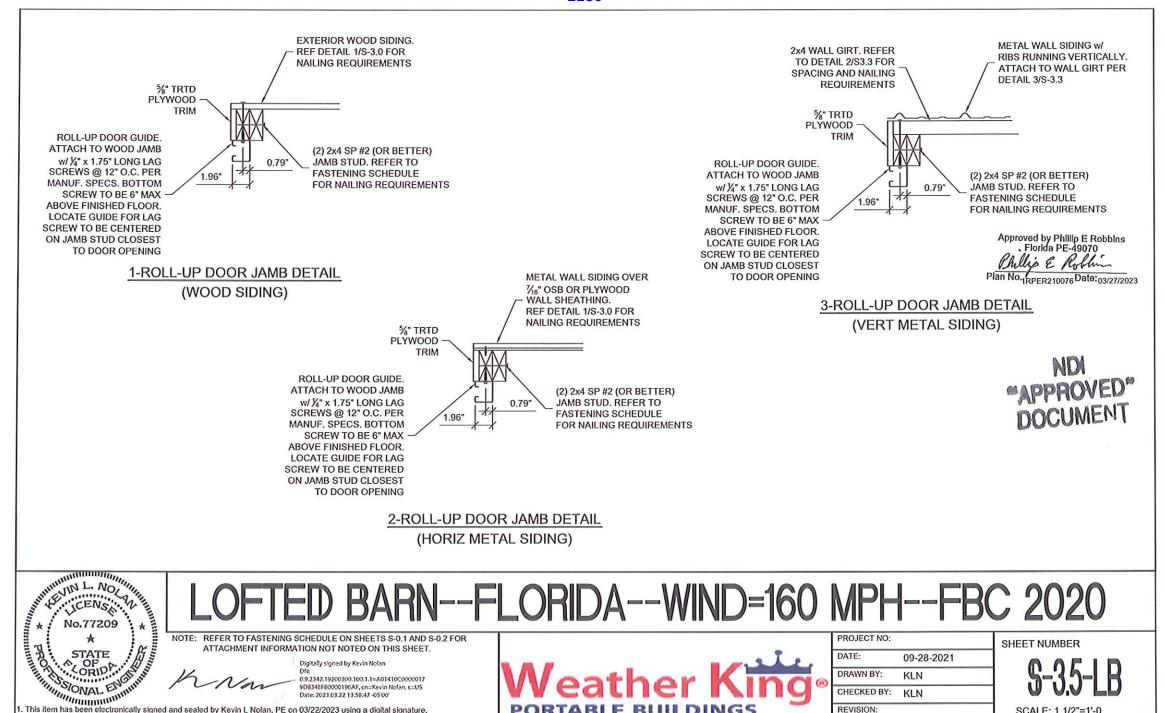
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PORTABLE BUILDINGS

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